

**BOBBY JINDAL**  
GOVERNOR



**PEGGY M. HATCH**  
SECRETARY

**State of Louisiana**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**  
**ENVIRONMENTAL SERVICES**

Certified Mail No.

Agency Interest No. 1138  
Activity No.: PER20100002

Mr. John V. Casey  
Westlake Vinyls Company LP  
36045 Highway 30  
Geismar, LA 70734

RE: Part 70 operating permit, Biological Treatment Plant, Westlake Vinyls Company LP, Geismar, Ascension Parish, Louisiana

Dear Mr. Casey:

This is to inform you that the permit for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 operating permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the \_\_\_\_\_ of \_\_\_\_\_, 2015, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and Agency Interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

Permit No.: 2872-VI

Sincerely,

Cheryl Sonnier Nolan  
Assistant Secretary  
CSN/DCN  
cc: EPA Region 6

**PUBLIC NOTICE**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)**  
**WESTLAKE VINYL'S COMPANY LP, GEISMAR SITE, BIOLOGICAL TREATMENT PLANT**  
**PROPOSED PART 70 AIR OPERATING PERMIT RENEWAL/MODIFICATION**

The LDEQ, Office of Environmental Services, is accepting written comments on a proposed Part 70 air operating permit renewal/modification for Westlake Vinyls Company LP, 36045 Highway 30, Geismar, LA 70734 for the Geismar Site, Biological Treatment Plant. The facility is located at 36045 Highway 30, Geismar, Ascension Parish.

Westlake Vinyls Company LP requested a Part 70 air operating permit renewal/modification for the Geismar Site, Biological Treatment Plant. The General Condition XVII Activities List and the Insignificant Activities List were updated. Emissions from the plant were recalculated using updated emissions factors and methods (WATER9 and TANKS 4.0.9.d).

Estimated emissions changes in tons per year are as follows:

Pollutant	Before	After	Change
VOC	36.434	39.11	+ 2.676

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Wednesday, April 21, 2010.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The permit application, the proposed permit, and the statement of basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5<sup>th</sup> Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at [www.deq.louisiana.gov](http://www.deq.louisiana.gov).

Additional copies may be reviewed at the Ascension Parish Library, Gonzales Branch, 708 S. Irma Blvd, Gonzales, LA and Iberville Parish Library, East Iberville Branch, 5715 Monticello Street, St. Gabriel, LA.

Inquiries or requests for additional information regarding this permit action should be directed to Dan Nguyen, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3118.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at [deqmailistrequest@la.gov](mailto:deqmailistrequest@la.gov) or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

**Permit public notices including electronic access to the proposed permit and statement of basis** can be viewed at the LDEQ permits public notice webpage at [www.deq.louisiana.gov/apps/pubNotice/default.asp](http://www.deq.louisiana.gov/apps/pubNotice/default.asp) and general information related to the public participation in permitting activities can be viewed at [www.deq.louisiana.gov/portal/tabid/2198/Default.aspx](http://www.deq.louisiana.gov/portal/tabid/2198/Default.aspx).

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at [http://www.doa.louisiana.gov/oes/listservpage/ldeq\\_pn\\_listserv.htm](http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm).

All correspondence should specify AI Number 1138, Permit Number 2872-V1, and Activity Number PER201000002.

Scheduled Publication Date: March 16, 2010

**AIR PERMIT BRIEFING SHEET  
AIR PERMITS DIVISION  
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**BIOLOGICAL TREATMENT PLANT  
AGENCY INTEREST NO. 1138  
GEISMAR VINYL COMPANY LP  
GEISMAR, ASCENSION PARISH, LOUISIANA**

**I. Background**

Westlake Vinyls Company LP owns and operates the Biological Treatment Plant near Geismar, Ascension Parish, under Permit 2872-V0, dated July 26, 2005. The Biological Treatment Plant was constructed and operated by Borden Chemical and Plastics until December 2002 when it was purchased by Westlake Vinyls Company LP, previously known as Geismar Vinyl Company LP.

**II. Origin**

A permit application dated January 25, 2010, as well as additional information dated February 26, 2010 were submitted requesting a Part 70 operating permit renewal/modification.

**III. Description**

Industrial wastewater generated from manufacturing processes at the complex contains biochemical oxygen demand (BOD) and some non-biodegradable compounds requiring treatment prior to discharge to the Mississippi River. The Biological Treatment Plant utilizes primary treatment, activated sludge, and tertiary treatment.

**Main Wastewater Flow into the Biological Treatment Facility**

Wastewater from the complex, excluding the PVC Plant, is accumulated in the Process Water Tank and/or the Check Tank prior to processing in the Equalization Tank. Wastewater from the PVC Plant is directly pumped to the Equalization Tank.

Wastewater from the Main Lab, Tank Farm, Sanitary Treatment Plant, and the VCM-E Plant cooling tower blowdown is gathered in the Main Process Sump prior to feeding the Process Water Tank and then is routed to the Equalization Tank.

Wastewater from the VCM-E Plant (except the VCM-E Plant cooling tower blowdown) is accumulated after steam stripping and fed to the Process Water Tank or the Check Tank.

**Biological Treatment Facility**

The water in the Equalization Tank is fed through the pH Mix Tank and pumped to either or both the No. 1 Aerator and No. 2 Aerator. The aerators can be operated in series or in parallel. In the aerators, ambient air is bubbled through the wastewater to provide oxygen to the biota used to treat the wastewater. The effluent from the aerators overflows to the clarifiers. The overflow from the No. 1 and No. 2 clarifiers is pumped to the air stripper and then either the BN001 outfall, the No. 2 aerator, or the pH mix tank. Sludge from the clarifiers is recycled back to their respective aerators with the excess sludge being sent to the sludge holding tank.

**AIR PERMIT BRIEFING SHEET  
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Sludge from the Sludge Holding Tank is pumped to a belt filter press. The water is decanted off the Sludge Holding Tank and flows by gravity to the filtrate tank then it is pumped to the pH Mix Tank. The pressed filter cake is gravity fed to trailers for disposal in a non-hazardous (RCRA Subtitle D) landfill.

The effluent from the Biological Treatment Plant is processed through an air stripper prior to being discharged to the Mississippi River. The air stripper consists of two equalization tanks and two air stripper towers. As necessary in order to comply with wastewater permits, the effluent from the air stripper can be sent back to the Biological Treatment Plant for further processing.

Westlake Vinyls Company requests a Part 70 operating permit renewal for the Biological Treatment Plant. The General Condition XVII Activities List and the Insignificant Activities List were updated. Emissions from the plant were recalculated using updated emissions factors and methods (WATER9 and TANKS 4.0.9.d). Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change
VOC	36.434	39.11	+ 2.676
<b>LAC 33:III Chapter 51 Regulated Toxic Air Pollutants</b>			
1,1,2-Trichloroethane	0.10	0.78	+ 0.68
1,1-Dichloroethane	-	0.14	+ 0.14
1,2-Dichloroethane	15.242	13.319	- 1.923
1,1,2,2-Tetrachloroethane	0.012	0.03	+ 0.018
1,2-Dichloropropane	0.04	0.04	-
1,1,1-Trichloroethane	8.118	8.10	- 0.018
Benzene	0.14	0.22	+ 0.08
Bromoform	0.07	0.11	+ 0.04
Carbon Tetrachloride	0.04	0.04	-
Chlorobenzene	0.007	0.019	+ 0.012
Chloroethane	0.03	0.13	+ 0.10
Chloroform	14.007	14.06	+ 0.053
Dichloromethane	0.034	0.04	+ 0.006
Methanol	5.023	5.03	+ 0.007
Methyl Chloride	0.03	0.03	-
Phenol	0.17	0.17	-
Trichloroethylene	0.034	0.48	+ 0.446

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**BIOLOGICAL TREATMENT PLANT  
AGENCY INTEREST NO. 1138  
GEISMAR VINYL COMPANY LP  
GEISMAR, ASCENSION PARISH, LOUISIANA**

Pollutant	Before	After	Change
Tetrachloroethylene	0.37	0.19	- 0.18
Vinyl Chloride	1.10	1.22	+ 0.12
Vinylidene Chloride	-	0.26	+ 0.26
Toluene	0.003	0.01	+ 0.007
Ammonia	2.374	2.38	+ 0.006
<b>Total</b>	<b>46.944</b>	<b>46.828</b>	<b>- 0.116</b>

**IV. Type of Review**

This application was reviewed for compliance with the Louisiana Part 70 operating permit program, Louisiana Air Quality Regulations, and NESHAP. NSPS and PSD do not apply. The Plant is parts of a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

**V. Credible Evidence**

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

**VI. Public Notice**

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, and in the ZZZ, on XXX, and was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List. The permit application, the proposed permit, and the Statement of Basis were submitted to the Ascension Parish Library – ZZZ Branch. The proposed permit and the Statement of Basis were submitted to US EPA Region 6. All comments will be considered prior to a permit decision.

**AIR PERMIT BRIEFING SHEET  
AIR PERMITS DIVISION  
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**BIOLOGICAL TREATMENT PLANT  
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GEISMAR VINYL COMPANY LP  
GEISMAR, ASCENSION PARISH, LOUISIANA**

**VII. Effects on Ambient Air**

Emissions were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. The proposed project did not require the applicant to model emissions.

**VIII. General Condition XVII Activities**

ID No.	Description	Emissions (tons/yr)		
		NO <sub>x</sub>	CO	VOC
	Removal of Solids from Sumps			0.14
	Pump Maintenance			0.17
	Equipment Cleaning			0.17

**IX. Insignificant Activities (LAC 33:III.501.B.5)**

ID No.	Description	Capacity (gallons)	Citation
TK-8312	Sludge Conditioning Tank	70	A.2
TK-8313	No. 1 Clarifier Clearwell Tank	3,150	A.3
TK-8314	No. 2 Clarifier Clearwell Tank	3,150	A.3
TK-8317	Filtrate Tank	500	A.3
TK-7001A	Fire Pump Diesel Tank	564	A.3
TK-7001B	Fire Pump Diesel Tank	564	A.3
TK-7001C	Fire Pump Diesel Tank	564	A.3
TK-8306	Phosphoric Acid Tank	6,000	A.4
Drums	55 gal. Drum Cleaning	55	A.7
Port Tank	Portable Fuel Storage Tanks	<1,000	A.8

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

BIOLOGICAL TREATMENT PLANT  
 AGENCY INTEREST NO. 1138  
 GEISMAR VINYL COMPANY LP  
 GEISMAR, ASCENSION PARISH, LOUISIANA

## X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.												LAC 33:III.Chapter					
		2103	2107	2111	2113	2115	2121	2153	5▲	9	11	13	15	29	51*	52	56	59	
EQT0049	91-01 Air Stripper Vent Stack									1	1	1						1	
EQT0050	95-03 Main Process Sump										1							1	
EQT0051	95-05 Equalization Tank (TK-8614)	3								1								1	
EQT0052	95-06 Check Tank (TK-8223)	3								1								1	
EQT0053	95-07 Process Water Tank (TK-8320)	3								1								1	
EQT0054	95-08A Aerator Tank 1 (TK-8302)	3								1								1	
EQT0055	95-08B Aerator Tank 2 (TK-8307)	3								1								1	
EQT0056	95-09A Clarifier Tank 1 (TK-8303)	3								1								1	
EQT0057	95-09B Clarifier Tank 2 (TK-8308)	3								1								1	
EQT0058	95-10 pH Mix Tank (TK-8315)	3								1								1	
EQT0059	95-11 Sludge Holding Tank (TK-8309)	3								1								1	
EQT0060	95-65 Wastewater Stripper Feed Tank A (TK8622A)	3								1								1	
EQT0061	95-66 Wastewater Stripper Feed Tank B (TK8622B)	3								1								1	
UNF0004	BIO TREAT - Biological Treatment Plant									1								1	

## KEY TO MATRIX

- \* The regulations indicated above are State Only regulations.
- ▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

BIOLOGICAL TREATMENT PLANT  
 AGENCY INTEREST NO. 1138  
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 GEISMAR, ASCENSION PARISH, LOUISIANA

## X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60						40 CFR 61						40 CFR 63						40 CFR						
		A	Dc	Kb	J	MJ	A	F	I	FF	A	F	G	2222	S2	64	68	72								
EQT0049	91-01 Air Stripper Vent Stack																									
EQT0050	95-03 Main Process Sump																									
EQT0051	95-05 Equalization Tank (TK-8614)																									
EQT0052	95-06 Check Tank (TK-8223)																									
EQT0053	95-07 Process Water Tank (TK-8320)																									
EQT0054	95-08A Aerator Tank 1 (TK-8302)																									
EQT0055	95-08B Aerator Tank 2 (TK-8307)																									
EQT0056	95-09A Clarifier Tank 1 (TK-8303)																									
EQT0057	95-09B Clarifier Tank 2 (TK-8308)																									
EQT0058	95-10 pH Mix Tank (TK-8315)																									
EQT0059	95-11 Sludge Holding Tank (TK-8309)																									
EQT0060	95-65 Wastewater Stripper Feed Tank A (TK8622A)																									
EQT0061	95-66 Wastewater Stripper Feed Tank B (TK8622B)																									
UNF0004	BIOTREAT - Biological Treatment Plant																									

## KEY TO MATRIX

- 1 - The regulations have applicable requirements which apply to this particular emission source.  
 - The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, and fugitives) but do not apply to this particular emission source.  
 Blank - The regulations clearly do not apply to this type of emission source.

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

BIOLOGICAL TREATMENT PLANT  
 AGENCY INTEREST NO. 1138  
**GEISMAR VINYL COMPANY LP**  
**GEISMAR, ASCENSION PARISH, LOUISIANA**

**XI. Explanation for Exemption Status or Non-Applicability of a Source**

ID No.	Requirement	Status	Citation	Explanation
EQT0051 – EQT0061	LAC 33:III.2.103 Control of VOC	Does not apply	LAC 33:III.2.103.A	Vapor Pressure < 1.5 psia
	40 CFR 60 Subpart Kb for tanks	Exempt	40 CFR 60.110b	Vapor Pressure < 0.51 psia

The above table provides explanation for both the exemption status or non-applicability of a source cited by 2 or 3 in the matrix presented in Section X of this permit

**INVENTORIES**

AI ID: 1138 - Westlake Vinyl's Co LP  
 Activity Number: PER20100002  
 Permit Number: 2872-V1  
**Air - Title V Regular Permit Renewal**

Subject Item Inventory:	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
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Biological Treatment Plant						
EOT 0049	91-01 - Air Stripper Vent Slack		2380 gallons/min	2380 gallons/min		8760 hr/yr
EOT 0050	95-03 - Main Process Sump		345 gallons/min	345 gallons/min		8760 hr/yr
EOT 0051	95-05 - Equalization Tank (TK-8614)	601157 gallons	2280 gallons/min	2280 gallons/min		8760 hr/yr
EOT 0052	95-06 - Check Tank (TK-8223)	1.06 million gallons	180 gallons/min	180 gallons/min		8760 hr/yr
EOT 0053	95-07 - Process Water Tank (TK-8320)	1.06 million gallons	900 gallons/min	900 gallons/min		8760 hr/yr
EOT 0054	95-08A - Aerator Tank 1 (TK-8302)	2.33 million gallons	2360 gallons/min	2360 gallons/min		8760 hr/yr
EOT 0055	95-08B - Aerator Tank 2 (TK-8307)	1.43 million gallons	2360 gallons/min	2360 gallons/min		8760 hr/yr
EOT 0056	95-09A - Clarifier Tank 1 (TK-8303)	403010 gallons	2360 gallons/min	2360 gallons/min		8760 hr/yr
EOT 0057	95-09B - Clarifier Tank 2 (TK-8308)	403010 gallons	2360 gallons/min	2360 gallons/min		8760 hr/yr
EOT 0058	95-10 - pH Mix Tank (TK-8315)	13535 gallons	2380 gallons/min	2380 gallons/min		8760 hr/yr
EOT 0059	95-11 - Sludge Holding Tank (TK-8309)	1.06 million gallons	80 gallons/min	80 gallons/min		8760 hr/yr
EOT 0060	95-65 - Wastewater Stripper Feed Tank A (TK-8622A)	500000 gallons	31.27 MM gallons/yr	31.27 MM gallons/yr		8760 hr/yr
EOT 0061	95-66 - Wastewater Stripper Feed Tank (TK-8622B)	500000 gallons	31.27 MM gallons/yr	31.27 MM gallons/yr		8760 hr/yr

Stack Information:	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Biological Treatment Plant							
EOT 0049	91-01 - Air Stripper Vent Slack	50.9	29400	3.5		100	94

Relationships:

**Subject Item Groups:**

ID	Group Type	Group Description
UNF 0004	Unit or Facility Wide	BIOTREAT - Biological Treatment Plant

**Group Membership:**

Annual Maintenance Fee:	Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
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NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

**INVENTORIES**

AI ID: 1138 - Westlake Vinyls Co LP  
 Activity Number: PER20100002  
 Permit Number: 2872-V1  
 Air - Title V Regular Permit Renewal

Fee Number	Air Contaminant Source	Multipiler	Units Of Measure
0620	0620 Halogenated Hydrocarbons (Rated Capacity)	2000	MW lbs/yr

**SIC Codes:**

2812	Alkalies and chlorine	AI 1138
2869	Industrial organic chemicals, nec	AI 1138
2869	Industrial organic chemicals, nac	UNF 004

**EMISSION RATES FOR CRITERIA POLLUTANTS**

**AI ID:** 1138 - Westlake Vinyl's Co LP  
**Activity Number:** PER20100002  
**Permit Number:** 2872-V1  
**Air - Title V Regular Permit Renewal**

Subject Item	VOC	Avg lb/hr	Max lb/hr	Tons/Year
<b>Biological Treatment Plant</b>				
EQT 0049 95-01		0.75	7.52	3.29
EQT 0050 95-03		0.16	0.20	0.71
EQT 0051 95-05		4.39	5.26	19.21
EQT 0052 95-06		0.43	0.51	1.88
EQT 0053 95-07		0.26	0.31	1.11
EQT 0054 95-08A		1.34	1.60	5.84
EOT 0055 95-08B		1.34	1.60	5.84
EQT 0056 95-09A		0.01	0.01	0.05
EQT 0057 95-09B		0.01	0.02	0.06
EOT 0058 95-10		0.24	0.29	1.06
EQT 0059 95-11		0.01	0.02	0.04
EOT 0060 95-15		<0.01	<0.01	<0.01
EQT 0061 95-16		<0.01	<0.01	<0.01

**Note:** Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 1138 - Westlake Vinyls Co LP

Activity Number: PER20100002

Permit Number: 2872-V1

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0049 91-01	1,2-Dichloroethane	0.42	6.89	1.82
	Chloroform	0.34	0.62	1.47
EQT 0050 95-03	1,1,2-Trichloroethane	0.01	0.01	0.04
	1,1-Dichloroethane	<0.01	<0.01	<0.01
	1,2-Dichloroethane	0.134	0.161	0.586
	Ammonia	0.01	0.01	0.04
	Benzene	<0.01	<0.01	0.01
	Chlorobenzene	<0.001	<0.001	0.001
	Chloroethane	<0.01	<0.01	<0.01
	Chloroform	0.01	0.01	0.02
	Methanol	<0.01	<0.01	<0.01
	Tetrachloroethylene	<0.01	<0.01	<0.01
EQT 0051 95-05	Trichloroethylene	<0.01	<0.01	0.01
	Vinylidene chloride	<0.01	<0.01	0.01
	1,1,1-Trichloroethane	0.60	0.71	2.61
	1,1,2-Trichloroethane	0.08	0.10	0.36
	1,1-Dichloroethane	0.01	0.01	0.04
	1,2-Dichloroethane	1.835	2.202	8.037
	1,2-Dichloropropane	<0.01	<0.01	0.01
	Ammonia	0.03	0.03	0.12
	Benzene	0.02	0.02	0.08
	Bromoform	<0.01	<0.01	<0.01
	Carbon tetrachloride	<0.01	<0.01	0.01
	Chlorobenzene	0.001	0.001	0.005
	Chloroethane	0.01	0.01	0.03
	Chloroform	1.69	2.02	7.38
	Dichloromethane	<0.01	<0.01	0.01
EQT 0052 95-06	Methanol	0.36	0.43	1.57
	Methyl chloride	<0.01	<0.01	0.01
	Phenol	0.03	0.03	0.13
	Tetrachloroethylene	0.01	0.01	0.02
	Toluene	<0.01	<0.01	<0.01
EQT 0053 95-07	Trichloroethylene	0.06	0.07	0.26
	Trichloroethane	0.01	0.01	0.04

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 1138 - Westlake Vinyls Co LP

Activity Number: PER20100002

Permit Number: 2872-V1

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0051 95-05	Vinyl chloride	0.21	0.25	0.90
	Vinylidene chloride	0.03	0.04	0.14
EQT 0052 95-06	1,1,1-Trichloroethane	0.34	0.40	1.47
	1,1,2,2-Tetrachloroethane	<0.01	<0.01	<0.01
	1,1,2-Trichloroethane	<0.01	<0.01	<0.01
	1,2-Dichloroethane	0.070	0.084	0.305
	1,2-Dichloropropane	<0.01	<0.01	0.01
	Benzene	0.01	0.01	0.04
	Bromoform	<0.01	<0.01	<0.01
	Carbon tetrachloride	<0.01	<0.01	0.01
	Chlorobenzene	0.001	0.001	0.004
	Chloroform	0.32	0.38	1.40
	Dichloromethane	<0.01	<0.01	<0.01
	Tetrachloroethylene	0.02	0.02	0.07
EQT 0053 95-07	Trichloroethylene	<0.01	<0.01	0.01
	Vinyl chloride	<0.01	<0.01	<0.01
	1,1,2-Trichloroethane	0.01	0.01	0.04
	1,1-Dichloroethane	<0.01	<0.01	<0.01
	1,2-Dichloroethane	0.141	0.169	0.616
	Ammonia			0.11
	Benzene	<0.01	<0.01	0.01
	Bromoform	<0.01	<0.01	<0.01
	Chlorobenzene	<0.001	<0.001	0.001
	Chloroethane	<0.01	<0.01	<0.01
	Chloroform	0.08	0.10	0.35
	Methanol	0.01	0.01	0.02
EQT 0054 95-08A	Tetrachloroethylene	<0.01	<0.01	<0.01
	Trichloroethylene	<0.01	<0.01	0.01
	Vinyl chloride	<0.01	<0.01	0.01
	Vinylidene chloride	<0.01	<0.01	0.01
	1,1,1-Trichloroethane	0.46	0.55	2.01
	1,1,2,2-Tetrachloroethane	<0.01	<0.01	<0.01
	1,1,2-Trichloroethane	0.03	0.04	0.13

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 1138 - Westlake Vinyls Co LP

Activity Number: PER20100002

Permit Number: 2872-V1

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0054 95-08A	1,1-Dichloroethane	<0.01	<0.01	<0.01
	1,2-Dichloroethane	0.373	0.448	1.634
	1,2-Dichloropropane	<0.01	<0.01	0.01
	Ammonia	0.24	0.29	1.05
	Benzene	<0.01	<0.01	0.01
	Bromoform	<0.01	<0.01	<0.01
	Carbon tetrachloride	<0.01	<0.01	0.01
	Chlorobenzene	<0.001	<0.001	<0.001
	Chloroethane	<0.01	<0.01	<0.01
	Chloroform	0.33	0.40	1.46
	Dichloromethane	<0.01	<0.01	0.01
	Methanol	0.39	0.46	1.69
	Methyl chloride	<0.01	<0.01	0.01
	Phenol	<0.01	0.01	0.02
EQT 0055 95-08B	Tetrachloroethylene	<0.01	<0.01	0.01
	Trichloroethylene	0.01	0.02	0.06
	Vinyl chloride	0.02	0.03	0.10
	Vinyldene chloride	0.01	0.01	0.02
	1,1,1-Trichloroethane	0.46	0.55	2.01
	1,1,2,2-Tetrachloroethane	<0.01	<0.01	<0.01
	1,1,2-Trichloroethane	0.03	0.04	0.13
	1,1-Dichloroethane	<0.01	<0.01	<0.01
	1,2-Dichloroethane	0.373	0.448	1.634
	1,2-Dichloropropane	<0.01	<0.01	0.01
	Ammonia	0.24	0.29	1.05
	Benzene	<0.01	<0.01	0.01
	Bromoform	<0.01	<0.01	<0.01
	Carbon tetrachloride	<0.01	<0.01	0.01

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 1138 - Westlake Vinyls Co LP

Activity Number: PER20100002

Permit Number: 2872-V1

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0055 95-08B	Methyl chloride	<0.01	<0.01	0.01
	Phenol	<0.01	0.01	0.02
	Tetrachloroethylene	<0.01	<0.01	0.01
	Trichloroethylene	0.01	0.02	0.06
	Vinyl chloride	0.02	0.03	0.10
	Vinyldene chloride	0.01	0.01	0.02
EQT 0056 95-09A	1,1,2-Trichloroethane	<0.01	<0.01	<0.01
	1,1-Dichloroethane	<0.01	<0.01	<0.01
	1,2-Dichloroethane	0.003	0.003	0.012
	Benzene	<0.01	<0.01	<0.01
	Bromoform	<0.01	<0.01	<0.01
	Chlorobenzene	<0.001	<0.001	<0.001
	Chloroethane	<0.01	<0.01	<0.01
	Chloroform	<0.01	<0.01	0.01
	Methanol	<0.01	<0.01	0.01
	Tetrachloroethylene	<0.01	<0.01	<0.01
	Trichloroethylene	<0.01	<0.01	<0.01
	Vinyl chloride	<0.01	<0.01	<0.01
	Vinyldene chloride	<0.01	<0.01	<0.01
EQT 0057 95-09B	1,1,2-Trichloroethane	<0.01	<0.01	<0.01
	1,1-Dichloroethane	<0.01	<0.01	<0.01
	1,2-Dichloroethane	0.003	0.003	0.012
	Benzene	<0.01	<0.01	<0.01
	Bromoform	<0.01	<0.01	<0.01
	Chlorobenzene	<0.001	<0.001	<0.001
	Chloroethane	<0.01	<0.01	<0.01
	Chloroform	<0.01	<0.01	0.01
	Methanol	<0.01	0.01	0.02
	Tetrachloroethylene	<0.01	<0.01	<0.01
	Trichloroethylene	<0.01	<0.01	<0.01
	Vinyl chloride	<0.01	<0.01	<0.01
	Vinyldene chloride	<0.01	<0.01	<0.01
EQT 0058 95-10	1,1,2-Trichloroethane	0.01	0.01	0.02

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 1138 - Westlake Vinyls Co LP

Activity Number: PER20100002

Permit Number: 2872-V1

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0058 95-10	1,1-Dichloroethane	<0.01	<0.01	<0.01
	1,2-Dichloroethane	0.109	0.131	0.478
	Ammonia	<0.01	<0.01	<0.01
	Benzene	<0.01	<0.01	0.01
	Bromoform	<0.01	<0.01	<0.01
	Chlorobenzene	<0.001	<0.001	<0.001
	Chloroethane	<0.01	<0.01	<0.01
	Chloroform	0.11	0.13	0.47
	Tetrachloroethylene	<0.01	<0.01	<0.01
	Trichloroethylene	<0.01	0.01	0.02
EQT 0059 95-11	Vinyl chloride	0.01	0.01	0.05
	Vinyldene chloride	<0.01	<0.01	0.01
	1,1,2-Trichloroethane	<0.01	<0.01	<0.01
	1,1-Dichloroethane	<0.01	<0.01	<0.01
	1,2-Dichloroethane	0.001	0.001	0.003
	Benzene	<0.01	<0.01	<0.01
	Bromoform	<0.01	<0.01	<0.01
	Chlorobenzene	<0.001	<0.001	<0.001
	Chloroethane	<0.01	<0.01	<0.01
	Chloroform	<0.01	<0.01	<0.01
EQT 0060 95-65	Methanol	0.01	0.01	0.02
	Tetrachloroethylene	<0.01	<0.01	<0.01
	Trichloroethylene	<0.01	<0.01	<0.01
	Vinyl chloride	<0.01	<0.01	<0.01
	Vinyldene chloride	<0.01	<0.01	<0.01
	1,1,2-Trichloroethane	<0.01	<0.01	<0.01
	1,1-Dichloroethane	<0.01	<0.01	<0.01
	1,2-Dichloroethane	<0.001	<0.001	0.001
	Benzene	<0.01	<0.01	<0.01
	Bromoform	<0.01	<0.01	<0.01

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 1138 - Westlake Vinyls Co LP

Activity Number: PER20100002

Permit Number: 2872-V1

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0060 95-65	Tetrachloroethylene	<0.01	<0.01	<0.01
	Trichloroethylene	<0.01	<0.01	<0.01
	Vinyl chloride	<0.01	<0.01	<0.01
	Vinyldene chloride	<0.01	<0.01	<0.01
EQT 0061 95-66	1,1,2-Trichloroethane	<0.01	<0.01	<0.01
	1,1-Dichloroethane	<0.01	<0.01	<0.01
	1,2-Dichloroethane	<0.001	<0.001	<0.001
	Benzene	<0.01	<0.01	<0.01
	Bromoform	<0.01	<0.01	<0.01
	Chlorobenzene	<0.001	<0.001	<0.001
	Chloroethane	<0.01	<0.01	<0.01
	Chloroform	<0.01	<0.01	<0.01
	Tetrachloroethylene	<0.01	<0.01	<0.01
	Trichloroethylene	<0.01	<0.01	<0.01
UNF 0004 BIOTREAT	Vinyl chloride	<0.01	<0.01	<0.01
	Vinyldene chloride	<0.01	<0.01	<0.01
	1,1,1-Trichloroethane			8.10
	1,1,2,2-Tetrachloroethane			0.03
	1,1,2-Trichloroethane			0.78
	1,1-Dichloroethane			0.14
	1,2-Dichloroethane			13.319
	1,2-Dichloropropane			0.01
	Ammonia			2.38
	Benzene			0.22
	Bromoform			0.11
	Carbon tetrachloride			0.04
	Chlorobenzene			0.019
	Chloroethane			0.13
	Chloroform			14.06
	Dichloromethane			0.04
	Methanol			5.03
	Methyl chloride			0.03
	Phenol			0.17

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 1138 - Westlake Vinyls Co LP

Activity Number: PER20100002

Permit Number: 2872-V1

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0004 BIOTREAT	Tetrachloroethylene			0.19
	Toluene			0.01
	Trichloroethylene			0.48
	Vinyl chloride			1.22
	Vinyldene chloride			0.26

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

**SPECIFIC REQUIREMENTS**

**AID: 1138 - Westlake Vinyls Co LP**  
**Activity Number: PER20100002**  
**Permit Number: 2872-V1**  
**Air - Title V Regular Permit Renewal**

**UNF 0004 BIOTREAT - Biological Treatment Plant**

- 1 [40 CFR 61.355] Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF.
- Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records as specified in 40 CFR 61.356(a) through (n). Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF.
- Submit report. Due whenever there is a change in the process generating the waste stream that could cause the total annual benzene quantity from facility waste to increase to 1 Mg/yr (1.1 ton/yr) or more. Submit updates to the information listed in 40 CFR 61.357(a)(1) through (a)(3). Subpart FF. [40 CFR 61.357(b)]
- All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.
- Comply with the requirements of 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.102(a)]
- Maintain all applicable records in such a manner that they can be readily accessed. Retain the most recent 6 months of records on site or make accessible by computer or other means that provides access within 2 hours after a request. Subpart F. [40 CFR 63.103(c)(1)]
- Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records specified in 40 CFR 63.103(c)(2)(i) through (iii), as well as records specified in 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.103(c)(2)]
- Keep copies of all applicable reports and records required by 40 CFR 63 Subparts F, G, and H for at least 5 years. If 40 CFR 63 Subparts G or H require records to be maintained for a time period different than 5 years, maintain those records for the time specified in 40 CFR 63 Subparts G or H. Subpart F. [40 CFR 63.103(c)]
- Maintenance wastewater: Implement the procedures described in 40 CFR 63.105(b) and (c) as part of the start-up, shutdown and malfunction plan required under 40 CFR 63.6(c)(3). Subpart F. [40 CFR 63.105(d)]
- Maintenance wastewater: Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain a record of the information required by 40 CFR 63.105(b) and (c) as part of the start-up, shut-down, and malfunction plan required under 40 CFR 63.6(e)(3). Subpart F. [40 CFR 63.105(e)]
- Maintenance wastewater: Prepare a description of maintenance procedures for the management of wastewaters generated from the emptying and purging of equipment in the process during temporary shutdowns for inspections, maintenance, and repair and during periods which are not shutdowns as specified in 40 CFR 63.105(b)(1) through (b)(3). Modify and update the information required by 40 CFR 63.105(b) as needed following each maintenance procedure based on the actions taken and the wastewaters generated in the preceding maintenance procedure. Subpart F.
- Determine whether each wastewater stream requires control for Table 9 compounds by complying with the requirements in 40 CFR 63.132(a)(1) or (a)(1)(ii), and (a)(1)(iii). Subpart G. [40 CFR 63.132(a)(1)]
- For wastewater streams that are Group 2 for table 9 compounds, comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 63.147(b)(8). [40 CFR 63.132(a)(3)]
- For Group 2 wastewater streams, the owner or operator shall include the information specified in paragraphs (b)(1)(i) through (iv) of 40 CFR 63.146(b)(1) in the Notification of Compliance Status Report. [40 CFR 63.146(b)(1)]
- Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records specified in 40 CFR 63.147(b)(8). Subpart G.

**SPECIFIC REQUIREMENTS**

AI ID: 1138 - Westlake Vinyl's Co LP  
 Activity Number: PER20100002  
 Permit Number: 2872-V1  
 Air - Title V Regular Permit Renewal

**UNF 0004 BIOTREAT - Biological Treatment Plant**

- 16 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in 40 CFR 63 Subparts F and G.  
 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 17 [LAC 33:III.2113.A] The characteristics shall be determined at a location between the point of generation and the point before which the wastewater stream is exposed to the atmosphere, treated for VOC removal, or mixed with another wastewater stream.
- 18 [LAC 33:III.2153.H.1] The flow rate of a wastewater stream shall be determined on the basis of an annual average by one of the listed methods.
- 19 [LAC 33:III.2153.H.2] The VOC concentration of a wastewater stream shall be determined on a basis of a flow-weighted annual average by one of the listed methods or by a combination of the methods.
- 20 [LAC 33:III.2153.H.3] The annual VOC loading in wastewater for a wastewater stream shall be the annual average flow rate determined in LAC 33:III.2153.H.2 multiplied by the annual average VOC concentration determined in LAC 33:III.2153.H.3.
- 21 [LAC 33:III.2153.H.4] The annual VOC loading in wastewater shall be the sum of the annual VOC loading in wastewater for each affected VOC stream.
- 22 [LAC 33:III.2153.H.5] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 23 [LAC 33:III.219] Shall not receive wastewater streams with TAP concentration of more than 1,000 parts per million by weight (ppmw) - Determined as MACT for TAP emissions from equipment at the Biological Treatment Plant.
- 24 [LAC 33:III.5109.A] Comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537.
- 25 [LAC 33:III.535] [LAC 33:III.535, LAC 33:III.537] Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 5 when the administrative authority declares an Air Pollution Alert.
- 26 [LAC 33:III.5609.A.1.b] Activate the preplanned strategy listed in LAC 33:III.5611.Table 6 when the administrative authority declares an Air Pollution Warning.
- 27 [LAC 33:III.5609.A.2.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 7 when the administrative authority declares an Air Pollution Emergency.
- 28 [LAC 33:III.5609.A.3.b] Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611.Tables 5, 6, and 7.
- 29 [LAC 33:III.5609.A] Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.
- 30 [LAC 33:III.5901.A] Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.59.3 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur.
- 31 [LAC 33:III.5907] Submit amended registration: Due to the Office of Environmental Compliance within 60 days after the information in the submitted registration is no longer accurate.
- 32 [LAC 33:III.5911.C] Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Compliance. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A.D.

**General Information**

**AI ID:** 1138 Westlake Vinyls Co LP  
**Activity Number:** PER20100002  
**Permit Number:** 2872-V1  
**Air - Title V Regular Permit Renewal**

Also Known As:	ID	Name	User Group	Start Date
	0180-00008	Westlake Vinyls Co LP	CDS Number	11-16-1999
51-0370356		Federal Tax ID	Federal Tax ID	11-21-1999
LAD003913449		Westlake Vinyls Co LP	Hazardous Waste Notification	10-07-2005
PMTICA		GPRa Baselines	Hazardous Waste Permitting	10-01-1997
LAD003913449		Borden	Inactive & Abandoned Sites	11-01-1979
LA00000281		LPDES #	LPDES Permit #	05-22-2003
LAR10B028		LPDES #	LPDES Permit #	05-22-2003
WP0912		LWDPS #	LWDPS Permit #	06-25-2003
04105		LELAP #	Lab Accreditation	02-23-2004
2019		Permit #	Multimedia	08-25-1999
		Priority 1 Emergency Site	Priority 1 Emergency Site	07-18-2006
		Radiation General License	Radiation License Number	04-18-2006
GL-558		SW Generator ID #	Solid Waste Facility No.	11-30-1999
G-005-11003		SW Generator ID #	Solid Waste Facility No.	07-24-2001
GD-005-1652		Borden Chemical	TEMPO Merge	10-31-2000
16892		Borden Chemicals & Plastics	TEMPO Merge	10-31-2000
38776		Borden Chemical Division of Borden Inc	TEMPO Merge	10-31-2000
45778		Borden Chemicals & Plastics	TEMPO Merge	10-31-2000
48895		Borden Chemical Inc - Geismar Plant	TEMPO Merge	07-10-2001
83338		Borden Chemical Inc - Formaldehyde Plant	TEMPO Merge	10-31-2000
84810		Borden Chemical Inc - Formaldehyde Plant	TEMPO Merge	08-01-2001
90754		TRI #	Toxic Release Inventory	07-13-2004
70734BRDNCLouis		UST Case History Case Number	UST Case Number	11-21-1999
1243		UST Case History Case Number	UST Case Number	11-21-1999
878		UST Case History Case Number	UST Case Number	11-21-1999
879		UST Facility ID (from UST legacy data)	UST FID #	10-11-2002

Physical Location:	36045 Hwy 30 Geismar, LA 70734	Main FAX:	2256730444
Mailing Address:	PO Box 228 Geismar, LA 707340228	Main Phone:	2256730647
Location of Front Gate:	30.209167 latitude, -91.017222 longitude, Coordinate Method: Lat/Long. - DMS, Coordinate Datum: NAD83	Relationship	TPOR0148
Related People:	Name  Mailing Address  Phone (Type)  Page 1 of 3		

**General Information**

AI ID: 1138 Westlake Vinyls Co LP  
 Activity Number: PER20100002  
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 Air - Title V Regular Permit Renewal

Related People:	Name	Mailing Address	Phone (Type)	Relationship
John Casey	John Casey	PO Box 228 Geismar, LA 707340228	2256730444 (WF)	Water Billing Party for
John Casey	John Casey	PO Box 228 Geismar, LA 707340228	2256736121 (WP)	Water Billing Party for
John Casey	John Casey	PO Box 228 Geismar, LA 707340228	jcasey@westlake.co	Water Billing Party for
John Casey	John Casey	PO Box 228 Geismar, LA 707340228	2256730444 (WF)	Solid Waste Billing Party for
John Casey	John Casey	PO Box 228 Geismar, LA 707340228	2256736121 (WP)	Solid Waste Billing Party for
John Casey	John Casey	PO Box 228 Geismar, LA 707340228	jcasey@westlake.co	Accident Prevention Contact for
John Casey	John Casey	PO Box 228 Geismar, LA 707340228	2256730444 (WF)	Accident Prevention Contact for
John Casey	John Casey	PO Box 228 Geismar, LA 707340228	2256736121 (WP)	Accident Prevention Contact for
John Casey	John Casey	PO Box 228 Geismar, LA 707340228	jcasey@westlake.co	Responsible Official for
John Casey	John Casey	PO Box 228 Geismar, LA 707340228	2256736121 (WP)	Responsible Official for
John Casey	John Casey	PO Box 228 Geismar, LA 707340228	2256730444 (WF)	Responsible Official for
John Casey	John Casey	PO Box 228 Geismar, LA 707340228	jcasey@westlake.co	Solid Waste Billing Party for
John Casey	John Casey	PO Box 228 Geismar, LA 707340228	2256730647 (WP)	Emission Inventory Contact for
Karen Khonsari	Karen Khonsari	KKHONSARI@WES	KKHONSARI@WES	Emission Inventory Contact for
Karen Khonsari	Karen Khonsari	KKHONSARI@WES	KKHONSARI@WES	Emission Inventory Contact for
Karen Khonsari	Karen Khonsari	PO Box 228 Geismar, LA 707340228	2256730647 (WP)	Emission Inventory Contact for
Karen Khonsari	Karen Khonsari	PO Box 228 Geismar, LA 707340228	KKHONSARI@WES	Radiation Contact For
Tami Wickboldt	Tami Wickboldt	PO Box 228 Geismar, LA 707340228	2256730647 (WP)	Radiation Contact For
Tami Wickboldt	Tami Wickboldt	PO Box 228 Geismar, LA 707340228	2256730444 (WF)	Water Permit Contact For
Tami Wickboldt	Tami Wickboldt	PO Box 228 Geismar, LA 707340228	2256730607 (WP)	Water Permit Contact For
Tami Wickboldt	Tami Wickboldt	PO Box 228 Geismar, LA 707340228	2256730607 (WP)	Accident Prevention Contact for
Tami Wickboldt	Tami Wickboldt	PO Box 228 Geismar, LA 707340228	2256730444 (WF)	Accident Prevention Contact for
Tami Wickboldt	Tami Wickboldt	PO Box 228 Geismar, LA 707340228	2256730607 (WP)	Haz. Waste Billing Party for
Tami Wickboldt	Tami Wickboldt	PO Box 228 Geismar, LA 707340228	2256730444 (WF)	Haz. Waste Billing Party for
Tami Wickboldt	Tami Wickboldt	PO Box 228 Geismar, LA 707340228	2256730607 (WP)	Accident Prevention Billing Party for
Tami Wickboldt	Tami Wickboldt	PO Box 228 Geismar, LA 707340228	2256730444 (WF)	Accident Prevention Billing Party for
Related Organizations:	Name	Address	Phone (Type)	Relationship
Borden Chemicals & Plastics	PO Box 427 Geismar, LA 707340427	Formerly owned		
Geismar Vinyls Co LP	PO Box 228 Geismar, LA 707340228	Formerly owned		
Westlake Vinyls Co LP	PO Box 228 Geismar, LA 70734	jcasey@westlake.co	Air Billing Party for	
Westlake Vinyls Co LP	PO Box 228 Geismar, LA 70734	2256736121 (WP)	Air Billing Party for	
Westlake Vinyls Co LP	PO Box 228 Geismar, LA 70734	jcasey@westlake.co	Owes	
Westlake Vinyls Co LP	PO Box 228 Geismar, LA 70734	jcasey@westlake.co	Owes	
Westlake Vinyls Co LP	PO Box 228 Geismar, LA 70734	jcasey@westlake.co	Radiation License Billing Party for	
Westlake Vinyls Co LP	PO Box 228 Geismar, LA 70734	2256736121 (WP)	Radiation License Billing Party for	

General Information

**AI ID:** 1138 Westlake Vinyls Co LP  
**Activity Number:** PER20100002  
**Permit Number:** 2872-V1  
**Air - Title V Regular Permit Renewal**

<b>Related Organizations:</b>	<b>Name</b>	<b>Address</b>	<b>Phone (Type)</b>	<b>Relationship</b>
Westlake Vinyls Co LP	PO Box 228 Geismar, LA 70734	jcasey@westlake.co	Emission Inventory Billing Party	
Westlake Vinyls Co LP	PO Box 228 Geismar, LA 70734	2256736121 (WP)	Emission Inventory Billing Party	
Westlake Vinyls Co LP	PO Box 228 Geismar, LA 70734	jcasey@westlake.co	Emission Inventory Billing Party	
Westlake Vinyls Co LP	PO Box 228 Geismar, LA 70734	2256736121 (WP)	Emission Inventory Billing Party	
Westlake Vinyls Co LP	c/o CT Corporation System Baton Rouge, LA 70808		Agent of Service for	

**NAIC Codes:** 32518, Other Basic Inorganic Chemical Manufacturing

**Note:** This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit.  
**Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.**